

10th Class 2018

Chemistry	Group-II	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- **General formula of carbohydrates is:**

- (a) $C_n(H_2O)_n$ ✓ (b) $C_n(H_2O_2)_n$
(c) $C_n(H_3O)_n$ (d) $C_n(H_2O_3)_n$

2- **The density of water at 4°C is:**

- (a) 1 gm cm^{-3} ✓ (b) 2 gm cm^{-3}
(c) 3 gm cm^{-3} (d) 4 gm cm^{-3}

3- **Dehydration of alcohols can be carried out with:**

- (a) H_2SO_4 ✓ (b) HCl
(c) KOH (d) NaOH

4- **Which one of the following gases is used to destroy harmful bacteria in water:**

- (a) Bromine (b) Chlorine ✓
(c) Fluorine (d) Iodine

5- **The unit of molar concentration is:**

- (a) mol dm^{-1} (b) mol dm^{-2}
(c) mol dm^3 (d) mol dm^{-3} ✓

6- **About 99 % of atmospheric mass lies in:**

- (a) 16 km (b) 17 km
(c) 30 km ✓ (d) 35 km

7- **In the beginning, the rate of reverse reaction is:**

- (a) Moderate (b) Negligible ✓
(c) Slow (d) Very fast

- 8- Which one of the following is a fat soluble vitamin:
- (a) A (b) E
(c) K (d) All of these ✓
- 9- You want to dry a gas, which one of the following salt you will use:
- (a) COCl_2 (b) CaO ✓
(c) NaCl (d) Na_2SiO_3
- 10- A reaction between an acid and a base produces:
- (a) Salt and water ✓ (b) Salt and gas
(c) Salt and acid (d) Salt and base
- 11- Matte is a mixture of:
- (a) Cu_2S and FeS ✓ (b) CuS and FeO
(c) Cu_2O and FeO (d) FeS and CuS
- 12- In laboratory, urea was prepared by:
- (a) Berzelius (b) Dalton
(c) Rutherford (d) Wohler ✓